В

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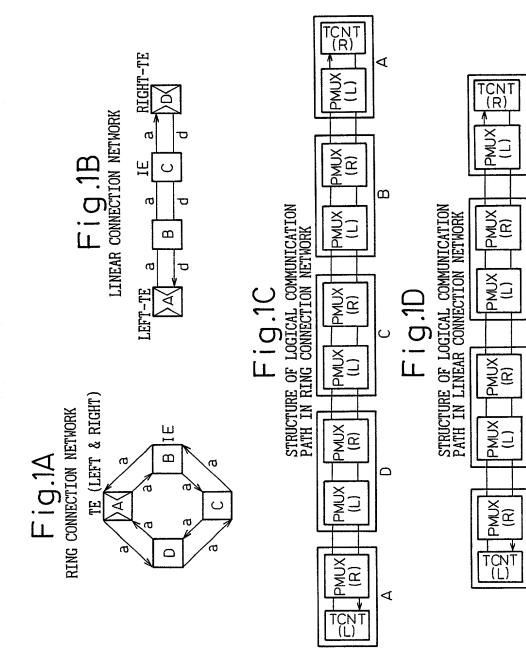


Fig.2A

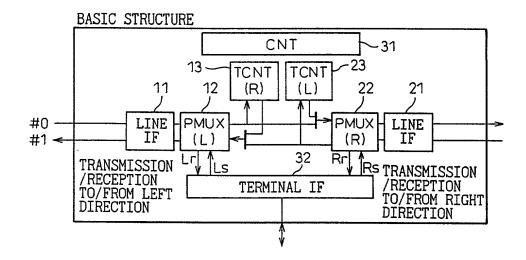


Fig.2B

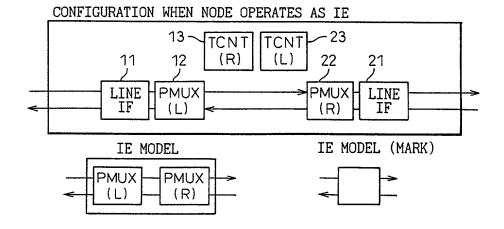
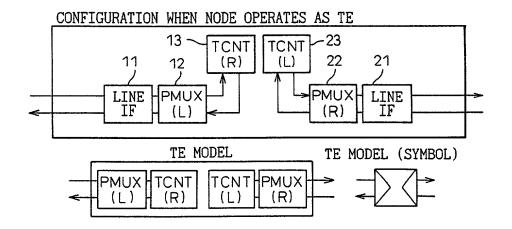


Fig.2C



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Fig.3A

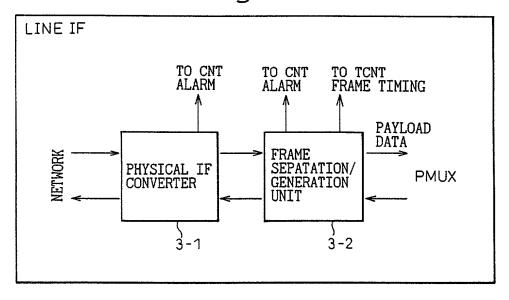
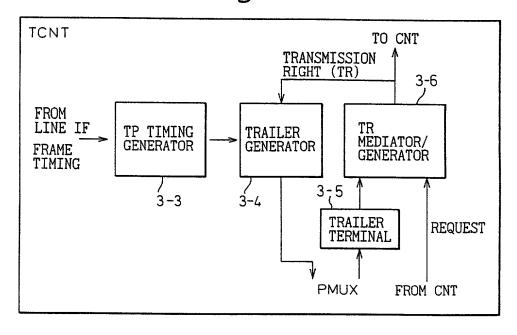


Fig.3B



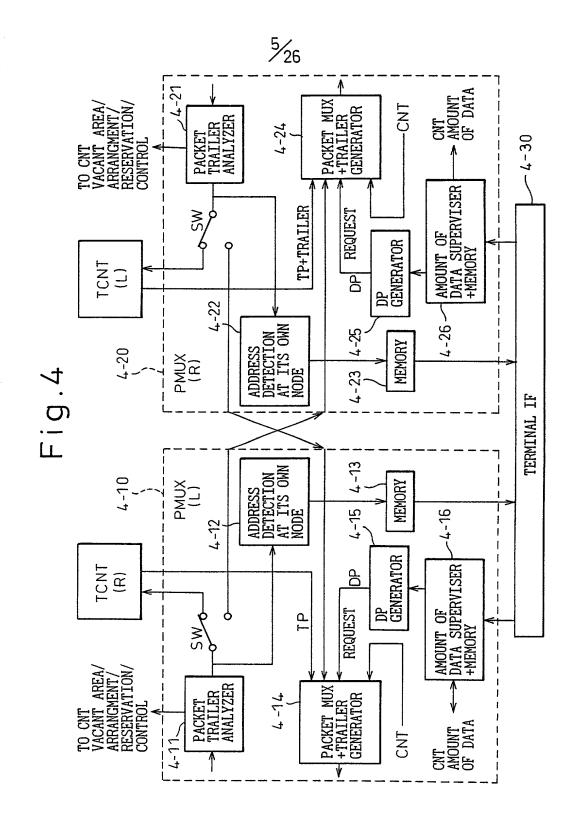
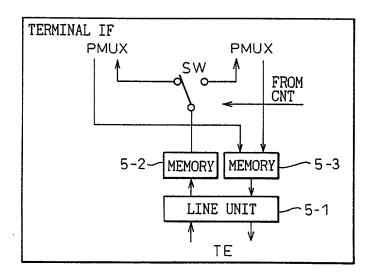
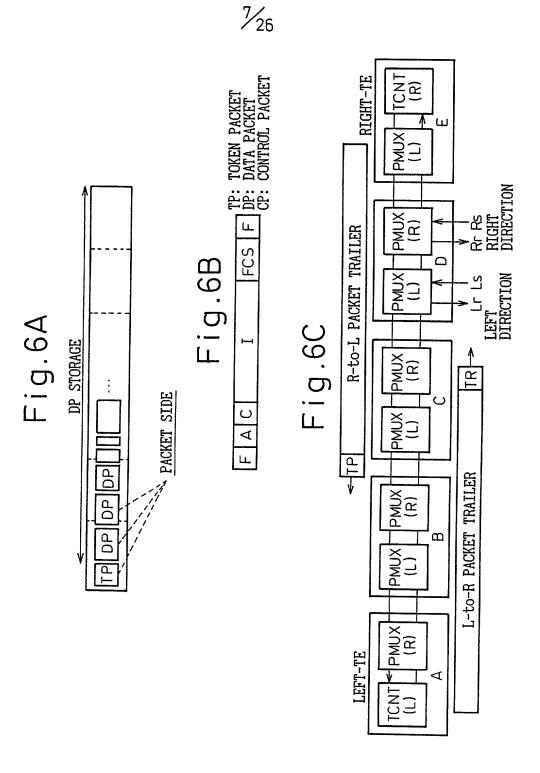
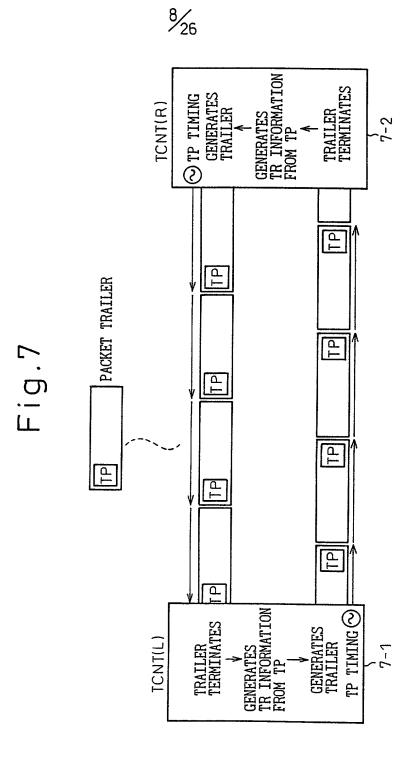
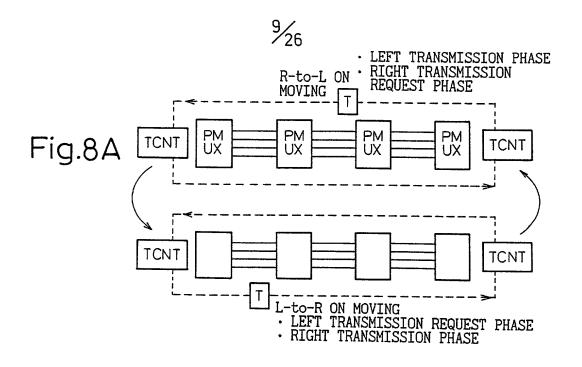


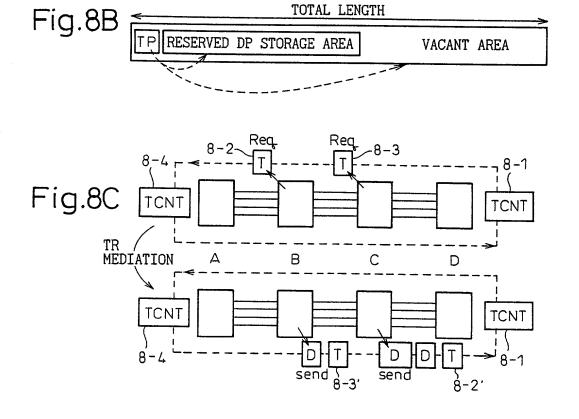
Fig.5



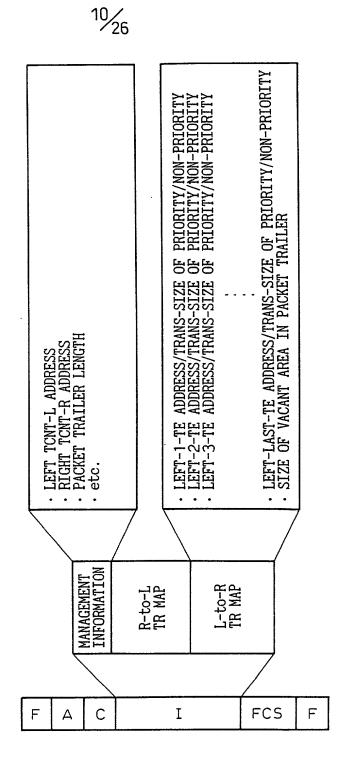


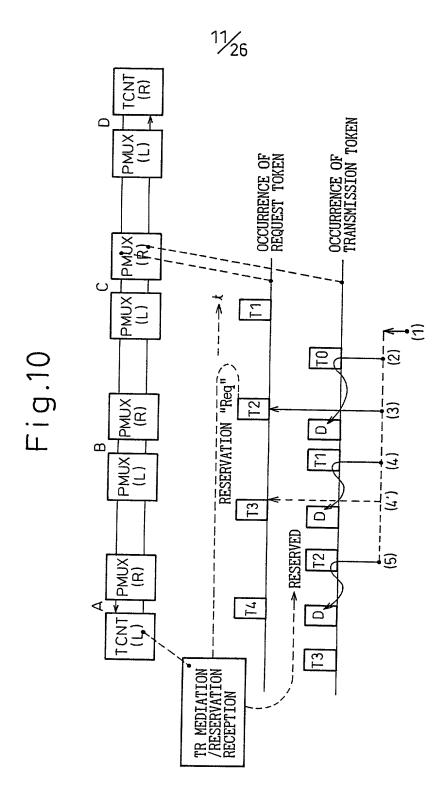






STRUCTURE OF TOKEN PACKET





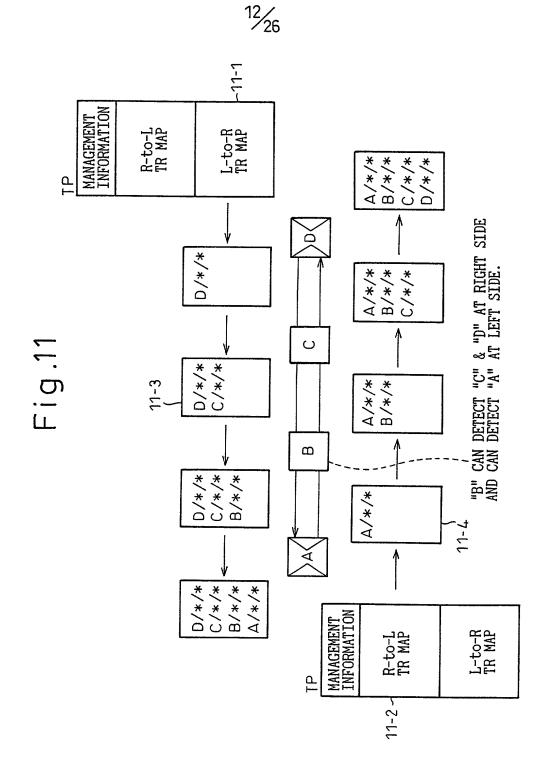
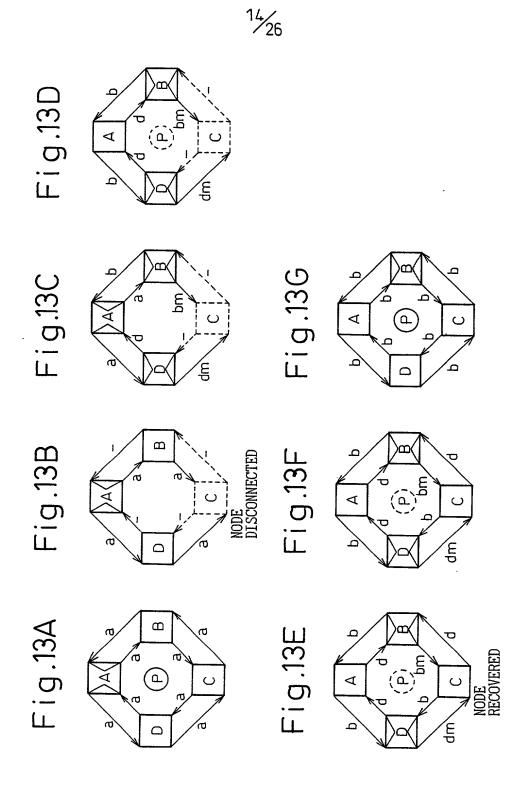


Fig.12

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"MASTER-INFORMING" AND "MASTER-INVITING" OF MASTER NODE "m" HAVE ARRIVED	NODE IS CHANGED TO "MASTER" AND TRANSMITS "MASTER-INFORMING" AND "MASTER-INVITING" TO LINE (#0) (RAS-r1, RAS-r4)	NODE IS CHANGED TO "MASTER" AND TRANSMITS "MASTER-INFORMING" (RAS-r5, RAS-r7)	NODE IS CHANGED TO "SLAVE" (RAS-r6)
"MASTER-INFORMING" OF MASTER NODE "m" HAS ARRIVED	NODE IS CHANGED TO "MASTER" AND TRANSMITS "MASTER-INFORMING" AND "MASTER-INVITING" TO LINE (#0) (RAS-r1, RAS-r4)	if m=n≤ address of its own node then, node is changed to master, and transmits "master-informing" (RAS-r3) if m=n> address of its own node then, node is changed to slave (RAS-r3) if m≠n then, node is changed to slave (RAS-r3)	NODE IS CHANGED TO "MASTER" AND TRANSMITS "MASTER-INFORMING" (RAS-r5, RAS-r7)
DATA FRAME HAS NOT ARRIVED	NODE IS CHANGED TO "MASTER" AND TRANSMITS "MASTER-INFORMING" AND "MASTER-INVITING" TO LINES (#0,#1) (RAS-r1,RAS-r4)	NODE IS CHANGED TO "MASTER" AND TRANSMITS "MASTER-INFORMING" AND "MASTER-INVITING" TO LINE (#1) (RAS-r1, RAS-r4)	NODE IS CHANGED TO "MASTER" AND TRANSMITS N "MASTER-INFORMING" AND "MASTER-INVITING" TO LINE (#1) (RAS-r1, RAS-r4)
In=#0	DATA FRAME HAS NOT ARRIVED	"MASTER-INFORMING" OF MASTER NODE "n" HAS ARRIVED	"MASTER-INFORMING" AND "MASTER-INVITING" OF MASTER NODE "n" HAVE ARRIVED



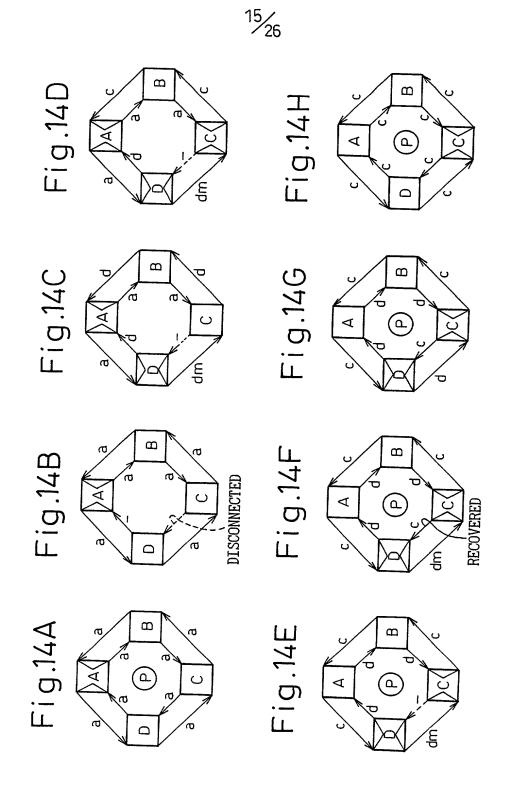


Fig.15D RECOVERED Fig.15C DISCONNECTED Fig.15B Θ DISCONNECTED Fig.15A Fig.15E В (a) **a**

Fig.16A

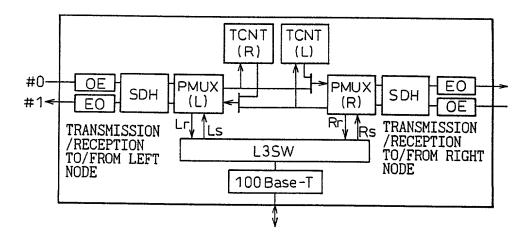


Fig.16B

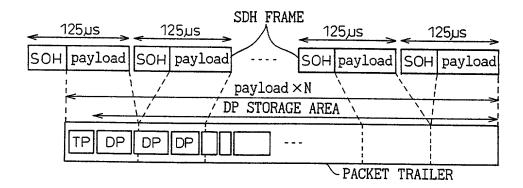


Fig.16C

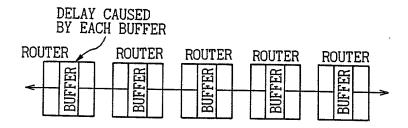
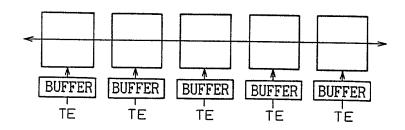
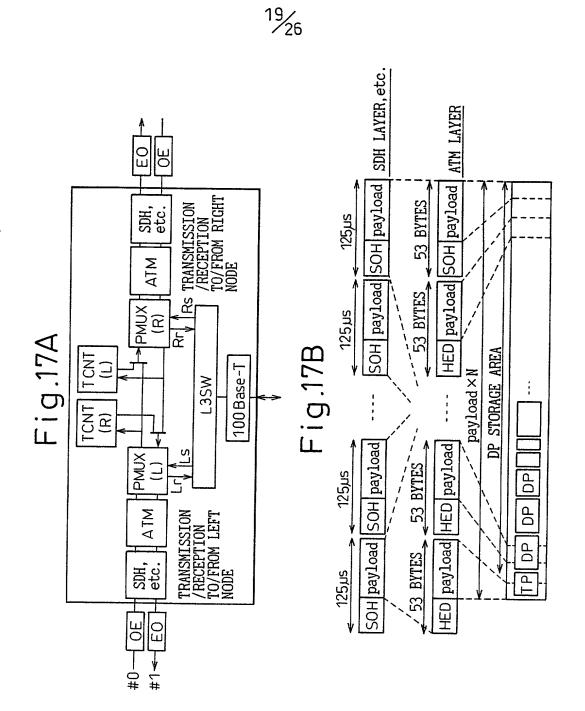
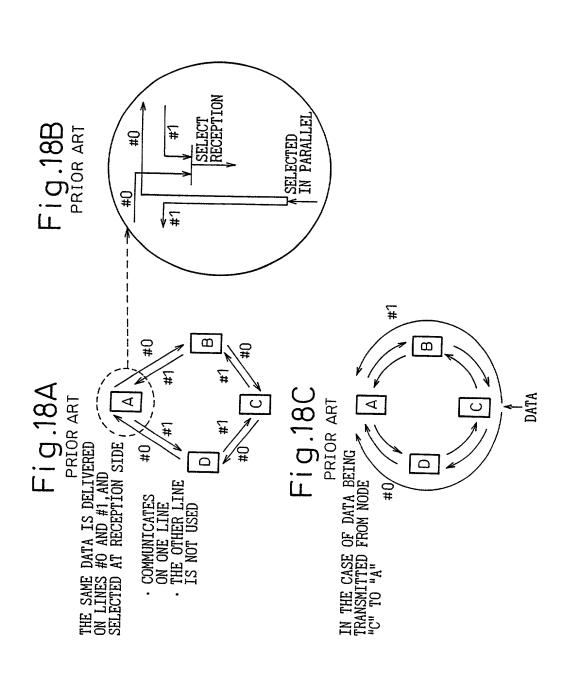


Fig.16D







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Fig.19A PRIOR ART

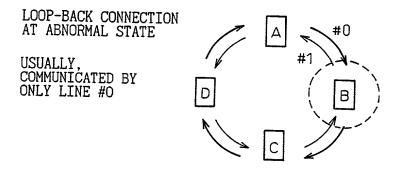
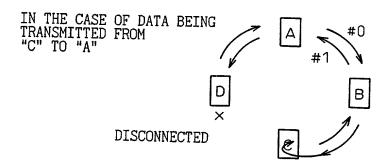
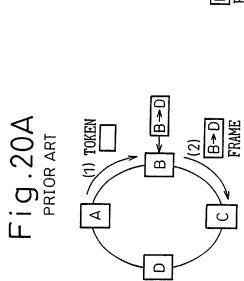
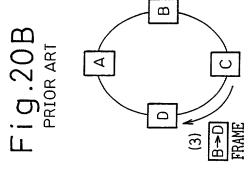


Fig.19B







²²/₂₆

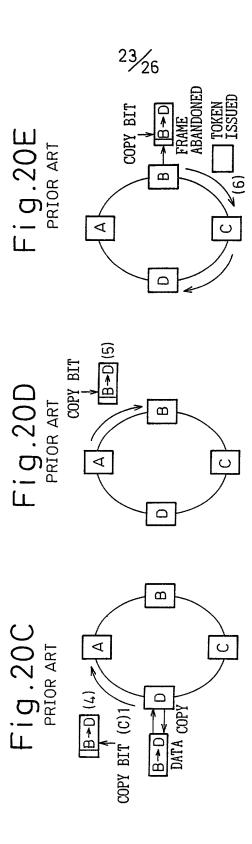


Fig.21A
PRIOR ART

DATA

DATA

DATA

DATA

C FRAME
ISSUED

Fig.21B
PRIOR ART

D
B D C A TOKEN
FRAME ISSUED

C A D DATA

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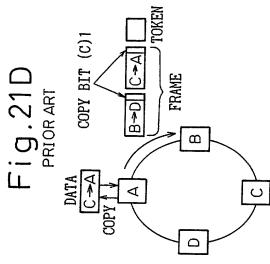
FIG. 21 C
PRIOR ART
FRAME
TOKEN

COPY BIT (C)1

DATA

DATA

COPY



²⁵/₂₆

Fig.21E

